

Data Transmission to Display Period

In Active State: 0.5 s  
In Sleep State: 3.0 s  
Broadcast on RS232/USB: ☒

CAN Bus Parameters

Enable CAN: ☒  
Speed: 250 kbps  
Periodic Data Broadcast: ☐  
Broadcast Each Cell Value: ☐  
Use Serial Cells Communication: ☒  
Use Extended 29bit ID: ☒  
Send to RS232/USB: ☒  
CAN ID Base: 6581

Distance Parameters

Pulses per Distance Unit: 1  
Distance Unit Name:   
Estimate Safety Margin: 95 %

ISO 11898-2 CAN  
BMS System Configuration  
CAN ID 6581  
Speeds

250 kbps  
50 kbps  
125 kbps  
250 kbps  
500 kbps  
800 kbps  
1 Mbps

## OVERVIEW BMS CAN MESSAGES

The external system may request any of these messages with the data at any time by sending the same CAN Identifier message to Control Unit with data length set either to zero, one byte of requested cells group number, or two bytes, one byte of requested cells group number and the second of cell string number. The enabling of Remote Transfer Request (RTR) flag is optional. The control unit will respond with the same message containing requested data.

The identifier of CAN messages consists of two parts: base address and message sub-ID. CAN ID's base address is configurable from BMS Control Panel.

Control Unit can send messages using standard 11-bit identifiers or extended 29-bit depending on configuration.

If standard 11-bit identifier is used then the message CAN ID is formed with Base Address + Message Sub-ID.

If extended 29-bit identifier is used then the message's CAN ID is used by placing Base Address in upper 13 bits and message Sub-ID occupying lower 16 bits.

The communication is performed at 250kbps on same CAN bus as the charger.

